DATASHEET

HDMI Switch 3x1 4K Pigtail 0.5m











General data

High performance HD switch capable of switching three sources on a single screen.
This switching function is not performed only by pressing the buttons on the device, but also through an intelligent function.
The built-in cable (pigtail) not only reduces costs but also saves users time. Route high definition video (with multiple resolutions up to 4Kx2K at 30Hz) and digital audio from one of the three high definition video sources, also compatible with HD-DVD, SKY-STB, PS3, XBOX, etc. The output sends high definition audio/video signals to a high definition monitor.

Features
Multifunction switching: intelligent or mechanical
Supports HDMI 1.4b
Supports maximum video resolution up to 4Kx2K @ 30Hz
Supports bandwidth of 340MHz / 3.4 Gbps per channel (10.2 Gbps all channels)
Supports 12bit deep color per channel (36bit all channels)
HDCP pass-through
Supports uncompressed audio like LPCM
Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
Input and output signal
5volts p-p DDC signal input (TTL)
Maximum Single Link range 4Kx2K @ 30Hz

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HDTV 1.4b video output
Operating frequency
Video frequency range 50 / 60Hz
3.4Gbps / 340MHz video bandwidth
Resolution (HDTV)
Interlaced (50 & 60Hz) 4Kx2K
Progressive (50 & 60Hz) 4Kx2K

Environmental characteristics
Operating temperature from 0 °C to + 70 °C
Operating humidity from 10% to 85% (without condensation)
Storage temperature from 5% to 90% RH (without condensation)

Package contents
HDMI ™ 3x1 Pigtail switch
User Manual

Technical properties	
Max. resolution	4Kx2K@30Hz
Suitable for 19 inch mounting	False
Video Inputs	HDMI
Video interface	HDMI
Video norm	Colour PAL

Available variants

ArtNr.	Bezeichnung	Number of camera inputs	Number of monitor outputs
IDATA-HDMI-3F30	HDMI Switch 3x1 4K Pigtail 0.5m	1	3

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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